

### III. REMARKS

1. Claims 1-8, 10, 11, 13-33 are pending in this application.
2. Claims 1, 3, 4, 6-8, 10, 11, 13-19, 22, 25, 26, 28, 29 and 32 are patentable over Heinonen (EP 0804030) in view of Allport (U.S. 6,097,441) under 35 U.S.C. § 103(a). Claim 1 recites in part, a portable coupling device for attaching a mobile phone with a user interface to a television device so as to extend the user interface of the mobile phone to the television device. A short range radio receiver is configured to receive a second information signal in a second format from the mobile phone. A converter converts the second information signal to a third information signal which is outputted to the television device. These features are not disclosed or suggested by Heinonen in view of Allport.

Heinonen discloses a television receiver (1) and a video tape recorder (2) connected to the television (1) in a known manner for reading picture information from video cassettes (3) and displaying the picture information on the television screen (4) (Col. 2, L. 48-55). In Heinonen, the terminal of a bidirectional communications system is disclosed as being a mobile phone (6), ordinary phone, cordless phone, bidirectional paging device, fax machine or a corresponding apparatus. The mobile phone is preferred so that the location of the terminal is not limited to being near a telephone wall socket (Col. 3, L. 1-16). The mobile phone (6) in Heinonen is connected to the terminal equipment (1), (2) through an interface part (7) and local communications link (8) (Col. 3, L. 17-42). A remote control (5) is also disclosed in Heinonen as being in communication with and used for issuing commands to the television (1) and video tape recorder (2) (Col. 5, L. 6-42).

The mobile phone (6) in Heinonen provides a bidirectional communications channel to the outside world (Page 1, Block 57). The mobile phone (6) of Heinonen is connected to the television (1) and the video tape recorder (2) through an interface part (7) and communications wire (8) (Col. 3, L. 17-25). The mobile phone (6) itself is not the terminal equipment, rather the mobile phone (6) supports the separate terminal equipment, the intelligence of which resides in the interface part or charger accessory (7). There is no disclosure whatsoever in Heinonen of extending a user interface of the mobile phone to the television or a short range radio receiver. Heinonen does not extend the user interface of the mobile telephone to the television as suggested by the Examiner. Col. 1, Lines 35-43 only discloses that the "terminal of a bidirectional communications system relays information between the equipment and outside world." This does not mean or imply extending the "user interface" of the mobile phone to the television device as claimed by Applicant.

Col. 3, lines 17-41 discusses how the mobile phone (6) is connected to the terminal equipment through an interface part (7) and communications link (8). Nothing here discloses or suggests extending the "user interface" of the mobile phone to the television.

Similarly, Col. 6, lines 16-19 discusses "input forms" and does not provide any suggestion of extending the "user interface" of the mobile phone to the television. The mobile phone (6) in Heinonen is merely used to send information generated by the terminal equipment (1), (2) and (7) such as payment information to a bank (Col. 5, L. 43-45).

Heinonen runs the services in the interface part (7) or charger accessory and does not extend the user interface of the mobile

phone (6) to the television (1) (See e.g. Col. 5, L. 34-39 and Col. 6, L. 46 et seq.). The charger accessory/interface (7) of Heinonen extracts the user input from the picture and converts it to a short message, which refers to a transmission format of relatively short character string type messages (Col. 5, L. 34-39). The picture dropper memory of Heinonen is located in the charger accessory/interface (7) so the input forms can be quickly accessible and so the user does not have to load them from the video cassette (Col. 6, L. 48 - Col. 7, L. 1).

There is no disclosure in Heinonen that the user would use the mobile phone when inputting information into the terminal equipment (1), (2) (7). The user in Heinonen has no need to access the keys and the display of the mobile phone (6) as the television (1) provides a larger display and the remote controller (5) provides remote operation without the need of removing the mobile phone (6) from the charging accessory/interface (7). The user enters data on the remote control device (5) (Col. 5, L. 22-24). This is unlike Applicant's invention where the user interface of the mobile phone is extended to the television. The user interface of the mobile phone (6) of Heinonen is not extended to the television in any way.

While Heinonen discloses the interface part (7) makes conversions between the data format of the mobile phone (6) and that of the television/video tape recorder combination, there is no mention of extending the user interface of the mobile phone (6) to the television (1) (Col. 3, L. 26-33).

Col. 4, lines 48-55 only discuss a data adapter that adapts data to send it over the mobile phone system and adapt data into a format suitable for a graphics chip. Heinonen does not disclose

or suggest extending the user interface of the mobile phone (6) to the television (1). Heinonen runs the services in the interface part (7) or charger accessory and does not extend the user interface of the mobile telephone (6) to the television (1) (See e.g. Col. 5, L. 34-39 and Col. 6, L. 46 et seq.).

The combination of Heinonen with Allport does not overcome the above noted deficiencies. Allport does not disclose or suggest extending the user interface of a mobile phone to a television. Allport merely relates to a hand held, portable remote control, that can interact with a television. This is not the same as what is being claimed by Applicant, as previously discussed.

It is also submitted that there is no motivation or suggestion for a reasonable person skilled in the art to combine the teachings of Heinonen and Allport to arrive at what is claimed by Applicant in claim 1. Claim 1 calls for a portable coupling device for attaching a mobile phone user interface to a television device so as to extend the user interface of the mobile phone to the television device. There is no disclosure or suggestion whatsoever in Heinonen or Allport of extending a user interface of a mobile phone to a television device. Heinonen is only interested in transmitting information over the mobile phone and receiving information from the mobile phone. There is no need to change or alter the operation of the remote control of Heinonen. The remote operation in Heinonen is readily provided by the remote controller of the charger accessory. There is no need or desire in Heinonen to change the link between the charger and the phone to wireless as the main idea of Heinonen is to provide a communications readiness to a television system. Therefore, claim 1 is patentable over the combination of Heinonen and Allport.

In addition, any combination of Heinonen and Allport, as suggested by the Examiner, would involve the impermissible use of hindsight. The user of the terminal equipment in Heinonen has no need to access keys or the display of the mobile phone as discussed above. In Heinonen, keeping the mobile phone (6) within the charging accessory or interface (7) is necessary to prevent the battery of the mobile phone (6) from being drained during the power intensive use of the phone in connecting the interface (7) to a server for the transmission of data. Also as described above, the mobile phone in Heinonen only serves as a communications provider for the charger accessory/interface (7). It is the charger accessory/interface (7) that the user in Heinonen actually interacts with. A person of ordinary skill in the art reading Heinonen would not be motivated to moving services out of the charging accessory or interface part (7) and into the mobile phone (6) and to connect the mobile phone (6) with the charging accessory/interface (7) in order to extend the user interface of the mobile phone (6) to the television (1). Any suggestion to do so could only be with the use of hindsight knowledge of Applicant's invention.

Independent claims 13, 14, 22 and 29 are patentable over the combination of Heinonen and Allport for reasons similar to those discussed above. Claims 3, 4, 6-8, 10, 11, 15-19, 25, 26, 28 and 32 are patentable by reason of their respective dependencies.

3. Claims 2, 20, 21, 23, 24, 27, 30, 31 and 33 are patentable over Heinonen and Allport in view of Bellamy (U.S. Patent 6,209,025) under 35 U.S.C. § 103(a).

For the reasons discussed above, independent claims 1, 13, 14, 22 and 29 are patentable over the combination of Heinonen and Allport. Because neither Heinonen nor Allport, individually or

in combination disclose or suggest all the features of the independent claims, the combination of Heinonen, Allport and Bellamy cannot as well.

Claims 2, 20, 21, 23, 24, 27, 30, 31 and 33 are patentable by reason of their respective dependencies.

4. Claim 5 is patentable over Heinonen, Allport and Bellamy in view of Bodle (GB 2,266,637) under 35 U.S.C. § 103(a).

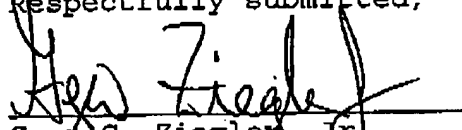
For the reasons discussed above, independent claim 1 is patentable over the combination of Heinonen, Allport and Bellamy. Because neither Heinonen, Allport nor Bellamy, individually or in combination, disclose or suggest all the features of claim 1, the combination of Heinonen, Allport, Bellamy and Bodle cannot disclose Applicant's invention as recited in claim 1 as well.

Thus, claim 5 is patentable by reason of its respective dependency.

For all of the foregoing reasons, it is respectfully submitted that all of the claims now present in the application are clearly novel and patentable over the prior art of record, and are in proper form for allowance. Accordingly, favorable reconsideration and allowance is respectfully requested. Should any unresolved issues remain, the Examiner is invited to call Applicants' attorney at the telephone number indicated below.

The Commissioner is hereby authorized to charge payment for any fees associated with this communication or credit any over payment to Deposit Account No. 16-1350.

Respectfully submitted,

  
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